



United States Department of Agriculture

RESEARCH, EDUCATION, AND ECONOMICS
AGRICULTURAL RESEARCH SERVICE
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"Solving Problems for the Growing World"

VACANCY ANNOUNCEMENT

Announcement Number: ARS-A5E-0336
Alternative Merit Promotion

Position Title/Series/Grade:

Food Technologist
GS-1382-09/11

Promotion Potential: GS-11

Employment Type: Full-time - Permanent

Grade and Salary Range:

GS-09 \$37,390.00 - \$48,604.00 Per Year
GS-11 \$45,239.00 - \$58,811.00 Per Year

Location of Position:

Plant Sciences Institute, Produce Quality and Safety
Laboratory, Beltsville, Maryland

Who Can Apply (You **must** include a statement in your application that you are a U.S. citizen to be considered for this position): USDA-Wide (Local Commuting Area Only)

Opening Date: September 6, 2005

Closing Date: September 19, 2005

For copies of vacancy announcements and/or application materials, please call (301) 504-1482. For additional information regarding employment opportunities, please visit <http://www.afm.ars.usda.gov/hrd/jobs/apply.htm>.

Contact Information

Human Resources Specialist:

Mary Beth Donoghue
(301) 504-1333

DC Relay Service: (202) 855-1234 (TDD)

Send Applications to:

USDA, Agricultural Research Service
Human Resources Division
Attn: Mary Beth Donoghue
5601 Sunnyside Avenue, Stop 5104
Beltsville, MD 20705-5104

Fax: (301) 504-1535

E-mail: scirecruit@ars.usda.gov

Applications must be postmarked, e-mailed or faxed by the closing date of the announcement. Applications received in Government envelopes will not be considered.

Please take advantage of the Application Package Checklist at the end of this announcement to ensure your application is complete.

Applications will also be accepted from USDA Surplus and Federal Displaced Employees in the commuting area.

Major Duties:

This position is located in the Produce Quality and Safety Laboratory, Beltsville Agricultural Research Center, Beltsville, MD. The incumbent provides support for research concerned with the instrumental and sensory measurement of quality attributes of fruits and vegetables and value-added products from these crops. The commodities include apple, melon, tomato and other fruits and vegetables. Incumbent performs a wide range of duties designed to solve complex food technology research on quality of fresh produce through instrumental and sensory evaluation of texture and flavor attributes; determines proper experimental approach; searches scientific literature for principles, methods, and procedures on sensory methods, plant physiology, engineering and statistics and selects the most appropriate for the research goals and fiscal resources; independently selects and carries out measurements and analyses; actively participates in the modification of existing methods of analysis or the development of new techniques; operational responsibility for sensory facility and for running panels; tests new instrumental or sensory methods or techniques which may affect the suitability of the measurement for the intended purposes; participates in the preparation of data for scientific technical reports and manuscripts; analyzes results; modifies methods, if necessary, to solve problems or make improvements that are needed to improve accuracy and efficiency or to overcome difficulties in dealing with sample preparation and serving to sensory panel members; writes periodic laboratory reports; performs statistical analyses using SAS, Compusense, and other similar software packages and may interact with consulting statisticians; summarizes experimental results of completed project in the form suitable as the basis for the first draft of written reports to scientific journals; organizes experimental progress in the form suitable for oral presentation or posters for scientific meetings; operates, calibrates and maintains instruments for measuring quality attributes, including colorimeter, spectrophotometer, force/deformation instruments; maintains official laboratory notebooks as well as computer data files of experimental protocols and data; provides technical advice to lower level support personnel; keeps abreast of scientific advancement by reading literature, review articles and attending supervisor approved meetings, workshops, and conferences.

Working Conditions and Other Considerations:

Work setting is in the vicinity (building) of Biosafety Level 2 human pathogens (ex., Salmonella, E. coli O157:H7, Listeria)

Qualifications Required: Your education and experience will be evaluated against all qualification requirements (basic and any additional requirements) listed below.

Basic Requirements

Degree in food technology, or dairy technology, microbiology, biology, chemistry, physics, or a related discipline or field of biological or physical science. The course work must have been comprised of at least 30 semester hours in the basic biological and physical sciences, and included at least 20 semester hours in food technology and closely related subjects, or 20 semester hours in subjects that can be applied directly to food technology.

This position has a positive education requirement. You must provide a copy of your academic transcripts OR a list of college courses with credit hours, dates completed, and grades received to verify education when applying for this position. If this information is not provided, your education may not be appropriately evaluated, and you may lose consideration for this position. If you are selected for this position, you will have to provide an official copy of your transcripts prior to entering on duty.

Additional Requirements:

Applicants must have **for the GS-9 level:** Two years of progressively higher level graduate education leading to a master's degree or master's degree or one year of professional experience equivalent to the GS-7 level. **For the GS-11 level:** Three years of progressively higher level graduate education leading to a Ph.D. degree or Ph.D. degree or one year of professional experience equivalent to the GS-9 level.

Time-In-Grade Restrictions apply for all candidates considered under Merit Promotion/Alternative Merit Promotion.

Specialized Experience - experience which has equipped you with the following Knowledge, Skills and Abilities - 'KSAs' required to perform the duties of this position:

1. Knowledge of the principles, theories, practices, and methodology of food evaluation.
2. Knowledge of mechanical, optical, and organoleptic properties of food.
3. Skill to operate, calibrate and maintain laboratory equipment.
4. Ability to evaluate, summarize and write reports of experimental results.

Selective Placement Factor(s) - In order to be considered minimally qualified, you must also possess the following:

1. Skill in the operation of computers and software packages such as SAS, CompuSense, etc, used for statistical design and analysis.
2. Ability to plan and conduct sensory evaluation panels with human subjects.

Other Important Information

Benefits Package:

A Benefits Package is authorized for this position. Additional information about Federal benefits can be obtained at www.usajobs.opm.gov/ei61.htm.

Veteran's Preference:

For further details, call the U.S. Office of Personnel Management (OPM) at 703-724-1850 or TDD 978-461-8404. Select General Information on the Federal Employment Policies and Procedures, and then Veterans Preference and Special Appointing Authorities for Veterans. Visit their VetGuide website at <http://www.opm.gov/veterans/html/vetguide.asp>.

Relocation Expenses:

Payment of relocation expenses will be determined in accordance with P&P 412.5, Recruitment and Retention Incentives and Other Special Pay, Sections 6 and 7, as amended by Bulletins 03-402 and 05-412.5, which may be found at <http://www.afm.ars.usda.gov/ppweb/412-05.htm#H10>. See also http://www.afm.ars.usda.gov/hrd/staffing_recruit/reloweb.htm.

Financial Disclosure Requirement:

Federal employees are subject to prohibitions against officially dealing with outside organizations in which they have a financial interest. You may be required to submit a financial disclosure report if hired for this position.

False statements:

If you make a false statement in any part of your application, you may not be hired; may be fired after beginning work; or may be fined or jailed.

Optional Form 306, (Declaration for Federal Employment):

If you are selected for this position, you will be required to complete this form before an offer may be made.

USDA Surplus/Federal Displaced Employees:

USDA Surplus/Federal displaced employees must submit documentary evidence of eligibility. Well qualified surplus and displaced employees within the local commuting area will receive selection priority as provided by OPM regulations. Well-qualified means the applicant meets the basic qualification and eligibility requirements and all selective placement factors; is rated above minimally qualified against the KSAs or quality criteria; and is able to satisfactorily perform the duties of the position upon entry. Applicants must submit the following:

- 1) a copy of your RIF Separation Notice or Certification of Expected Separation or other documentation indicating that you are a surplus employee;
- 2) evidence of full performance level of current position;
- 3) a copy of your most recent performance appraisal; and
- 4) a copy of your most recent SF-50, Notification of Personnel Action, to verify reassignment eligibility.

Selective Service System:

Males over age 18 who were born after December 31, 1959, must have registered with the Selective Service System (or have an exemption) to be eligible for Federal employment.

Reasonable Accommodation:

Reasonable accommodation may be provided to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, or have questions regarding reasonable accommodation and/or accessibility for any part of the application and hiring process, please contact the Disability Program Manager on 202-720-6161 or through the DC Relay Service on 202-855-1234 (TDD). The decision to grant reasonable accommodation is made on a case-by-case basis.

Civil Rights Policy Statement:

The U.S. Department of Agriculture (USDA) is an equal opportunity employer and provider. Discrimination is prohibited in all USDA programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's Target Center on 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410 or call 202-720-5964 (voice and TDD).

Application Package Checklist

If application packages do not contain all of the requested information, you may lose consideration for the job. To help you ensure your application fully outlines your qualifications and eligibility for this position, please submit the following documentation.

- ☐ Optional Form 612 (Optional Application for Federal Employment), SF-171 (Application for Federal Employment), Resume, Curriculum Vitae, or other document outlining your qualifications (Go to <http://www.opm.gov/forms/html/of.asp> and scroll down to obtain the OF-612).

The following information is required of all applicants:

- ☐ Announcement number, title, and grade(s) of the position
- ☐ Full name, mailing address (including zip code) and day and evening phone numbers (with area code)
- ☐ Social security number
- ☐ Statement that you are a U.S. citizen (if not using the OF-612 or SF-171)
- ☐ Copy of DD Form 214 (Certificate of Release or Discharge from Active Duty) (if claiming veterans preference) (Visit the following web site for additional information:
<http://www.opm.gov/employ/veterans/html/vetguide.asp>)
- ☐ SF-15 (Application for 10-point Veteran's Preference) plus the support documentation required by this form (if claiming 10-point veterans preference) (Go to the web site at <http://www.opm.gov/forms/html/sf.asp> to obtain form.)
- ☐ Paid and non-paid work experience related to the position. For each period of work experience include:
 - ___ Job title
 - ___ Series/grade (if Federal employment)
 - ___ Duties and accomplishments
 - ___ Employer's name and address
 - ___ Supervisor's name and contact information
 - ___ Starting and ending dates of employment (at least month & year)
 - ___ Number of hours worked per week
 - ___ Salary
 - ___ Indicate if we may contact current supervisor/employer
- ☐ Other job related information, such as training courses (title & year); skills (e.g., other languages, computer software/hardware, tools, etc.)
 - ___ Certificates/licenses (current)
 - ___ Honors, awards, and special accomplishments
 - ___ Supplemental questionnaire if applicable (usually for Federal Wage System positions - WG, WL, WS)
- ☐ Copy of college transcripts (if qualifying all or in part on the basis of education for this position) (If you have non-conventional education, e.g., foreign study, continuing education units, life experience, etc., go to the web site at <http://www.opm.gov/qualifications/SEC-II/s2-e4.htm#e4a> and look under the heading

“Other Education” for information governing acceptability of this type of education.)

- ☐ Copy of SF-50 (Notification of Personnel Action) to verify possession of competitive civil service status (if you are a current or previous federal employee)
- ☐ Copy of most recent performance appraisal (if you are a current federal employee)
- ☐ Second copy of application package (if the position is open to candidates outside the federal government AND if you are a current federal employee or a candidate with reinstatement eligibility and wish to be considered under both merit promotion and competitive examining procedures).
- ☐ Support documentation for eligibility for special hiring authorities, such as disability, Peace Corps service, etc. (If you have questions about whether you are eligible for a particular hiring authority, please call the servicing HR specialist or visit the web site at <http://www.usajobs.opm.gov/a2.htm> and scroll down to the subject heading, “Category”.)
- ☐ Support documentation if you are a USDA surplus or federal displaced employee (See pertinent section under “Other Important Information” below.)
- ☐ Self-certification of typing speed (if required as a basic qualification for the position)
- ☐ While not required, a separate response to the required knowledge, skills, and abilities (KSAs listed under Specialized Experience) and Selective Placement Factor(s), if present, for this position may better highlight your specific qualifications for this position. (For an explanation of KSAs, go to the web site at <http://www.ars.usda.gov/careers/whatksa.html>).

If this is your first time applying for a federal job, or if you wish to view more detailed information about various aspects of applying for federal jobs, go to <http://www.opm.gov/forms/html/of.asp> and scroll down to access the Office of Personnel Management (OPM) Optional Form 510.